

Storm Data and Unusual Weather Phenomena - October 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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IOWA, Southwest

(IA-Z069) POTTAWATTAMIE

10/10/09 03:00 CST	0	Winter Weather
10/10/09 10:00 CST	0	

A large upper level low pressure system over the northern plains combined with an unusually cold air mass that spilled south out of Canada and brought an early season snow to eastern Nebraska and west central Iowa. Even though temperatures with the snow fell into the 20s, warm ground temperatures caused most of it to melt on roads with most accumulations limited to grassy surfaces, vehicles, driveways and sidewalks. Even then the snow on paved surfaces quickly melted that morning as temperatures climbed above freezing. The heaviest snowfall set up along a 30 to 40 mile wide east-west band from Albion and Columbus east through the Omaha metro and into west central Iowa. Heavier amounts included 7.6 inches in Bennington, 6 inches at Ft. Calhoun, 5.5 inches at the NWS office in Valley and in Schuyler, and 3.5 to 4 inches at Omaha Eppey, near Weston, at Fremont and in Underwood Iowa.


NEBRASKA, East

(NE-Z016) ANTELOPE, (NE-Z042) PLATTE, (NE-Z043) COLFAX, (NE-Z044) DODGE, (NE-Z045) WASHINGTON, (NE-Z050) BUTLER, (NE-Z051) SAUNDERS, (NE-Z052) DOUGLAS, (NE-Z053) SARPY

10/09/09 23:00 CST	0	Winter Weather
10/10/09 10:00 CST	0	

A large upper level low pressure system over the northern plains combined with an unusually cold air mass that spilled south out of Canada and brought an early season snow to eastern Nebraska and west central Iowa. Even though temperatures dropped into the 20s during the snow, warm ground temperatures caused most of it to melt on roads and most accumulations were limited to grassy surfaces, vehicles, driveways and sidewalks. However, underneath the heaviest band of snow slushy accumulations were observed even on treated roads. The snow on paved surfaces quickly melted that morning as temperatures climbed toward and above freezing. The heaviest snowfall set up along a 30 to 40 mile wide east-west band from Albion and Columbus east through the Omaha metro and into west central Iowa. Heavier amounts included 7.6 inches in Bennington, 6 inches at Ft. Calhoun, 5.5 inches at the NWS office in Valley and in Schuyler, and 3.5 to 4 inches at Omaha Eppey, near Weston, at Fremont and in Underwood Iowa.

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This shows the 4.5 inches of snowfall that fell in Elkhorn, NE on October 10, 2009. The snow melted by early afternoon. Photo by NWS Omaha/Valley NE WCM Brian Smith.